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FIGURE 1C

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2001 AGGAGTACAG GAACTGTCCG TATTCCTTCC CCTTCTGTGG CACTGCAGCG ACCTCCTGTT TTCTCCTTGG CACAAGGAAG CCATCTCCCC TCCAGATGCG
TCCTCATGTC CTTGACAGGC ATGAGGAAGG GGAAGACACC GTGACGTCCG TGGAGGACAA AAGAGGAACC GTCTTCTTTC GGTAGAGGGG AGGTCTACGC
K E A I S P P D A
^exon 5
1
2101 GCCTCAGCTG CTCCACTCCG AACAACTACT GCTGACACTT TCCGCAACT CTTCGAGTC TACTCCAATT TCCTCCGGG AAAGCTGAAG CTGTACACAG
CGGAGTCGAC GAGGTGAGGC TTGTTAGTGA CGACTGTGAA AGGCGTTTGA GAAGGTCAG ATGAGGTTAA AGGAGGCCCC TTTCGACTTC GACATGTGTC
10 A S A A P L R T I T A D T F R K L F R V Y S N F L R G K L K L Y T G
2201 GGGAGGCCCTG CAGGACAGGG GACAGATGAC CAGGTGTGTC CACCTGGGCA TATCCACCAC CTCCTCACC AACATTGCTT GTGCCACACC CTCCTCCGCC
CCCTCCGGAC GTCCTGTCCC CTGTCTACTG GTCCACACAG GTGGACCCGT ATAGGTGGTG GAGGAGTGG TTGTAACGAA CACGGTGTGG GAGGGGGGGG
44 E A C R T G D R O
2301 ACTCCTGAAC CCCGTCGAGG AGCTCTCAG
TGAGGACTTG GGCAGCTCC TCGAGAGTC

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FIGURE 2

1 ATGGGGGTGC ACGAATGTCC TGCCTGGCTG TGGCTTCTCC TGTCCTCTGCT GTGCTCCCTCT CTGGGCTCTCC CAGTCCTGGG CGGCCACCA CGCTCATCT
TACCCCCACG TGCTTACAGG ACGGACCGAC ACCGAAGAGG ACAGGGACGA CAGCAGGGA GACCCGGAGG GTCAGGACCC GCGGGTGGT GCGGAGTAGA
1 M G V H E C P A W L W L L L S L L S L P L G L P V L G A P P R L I C

101 GTGACAGCG AGTCCTGGAG AGGTACCTCT TGGAGGCCAA GGAGGCCGAG AATATCAGA CGGCTCTGC CGAACACTGC AGCTTGAATG AGAATATCAC
CACTGTGGC TCAGGACCTC TCCATGGAGA ACCTCCGGTT CCTCCGGCTC TTATAGTGT GCGGACACG GCTTGTGACG TCGAATTAC TCTTATAGTG
35 D S R V L E R Y L L E A K E A E N I T T G C A E H C S L N E N I T
^*

201 TGTCCACAG ACCAAAGTTA ATTTCTATGC CTGGAAGAGG ATGAGGTCA GGAGCAGGC CGTAGAGTC TGGCAGGGCC TGGCCCTGCT CTCGGAAGCT
ACAGGGTCTG TGGTTTCAAT TAAAGATACG GACCTTCTCC TACCTCCAGT CCGTCGTCG GCATCTTCAG ACCGTCCCG ACCGGGACGA GAGCCTTGA
68 V P D T K V N F Y A W K R M E V R Q Q A V E V W Q G L A L L S E A

301 GTCCTGCGG GCCAGGCCCT GTTGGTCAAC TCTTCCACG CGTGGAGCC CCTGCAGCTG CATGTGGATA AAGCCGTGAG TGGCCTTCGC AGCCTCACCA
CAGGACGCC CCGTCCGGGA CAACAGTTG AGAAGGTG GACCCCTCG GCACCTCGG GGACGTCGAC GTACACCTAT TTCGGCAGTC ACCGGAAGCG TCGGAGTGGT
101 V L R G Q A L L V N S S Q P W E P L Q L H V D K A V S G L R S L T T
^*

401 CTCTGCTTCG GGCTCTGGGA GCCCAGAAGG AAGCCATCTC CCTCCAGAT GCGGCTCAG CTGCTCCACT CCGAACAAATC ACTGCTGACA CTTTCCGCCAA
GAGACGAAGC CCGAGACCTT CCGGTCTTCC TTCCGTAGAG GGGAGGTCTA CCGCCGAGTC GACGAGGTGA GGCTTGTAG TGACGACTGT GAAAGGCGTT
135 L L R A L G A Q K E A I S P P D A A S A A P L R T I T A D T F R K
^Polymorphism in CRL 1609 (A or C). A changes the protein sequence to K.

501 ACTCTTCCGA GTCTACTCCA ATTTCTCTCC GGGAAAGCTG AAGCTGTACA CAGGGGAGGC CTGCAGGACA GGGGACAGAT GACCA
TGAGAAGGCT CAGATGAGGT TAAAGGAGGC CCTTTCGAC TTCGACATGT GTCCCTCCG GACGTCTGT CCCCTGTCTA CTGGT
168 L F R V Y S N F L R G K L K L Y T G E A C R T G D R O



FIGURE 3

human MGVHECPAWLWLLSLLSLPLGLPVLGAPPRLICDSRVLERYLLEAKEAE

chepo MGVHECPAWLWLLSLLSLPLGLPVLGAPPRLICDSRVLERYLLEAKEAE

human NITTGCAEHCSLNENITVPDTKVNIFYAWKRMEVGQQAVEVWQGLALLSEA

chepo NITTGCAEHCSLNENITVPDTKVNIFYAWKRMEVRQQAVEVWQGLALLSEA

human VLRGQALLVNSSQPWEPLQLHVDKAVSGLRSLTTLRLALGAQKEAISPPD

chepo VLRGQALLVNSSQPWEPLQLHVDKAVSGLRSLTTLRLALGAXKEAISPPD

human AASAAPLRTITADTFRKLFRVYSNFLRGKCLKLYTGEACRTGDR

chepo AASAAPLRTITADTFRKLFRVYSNFLRGKCLKLYTGEACRTGDR

FIGURE 4

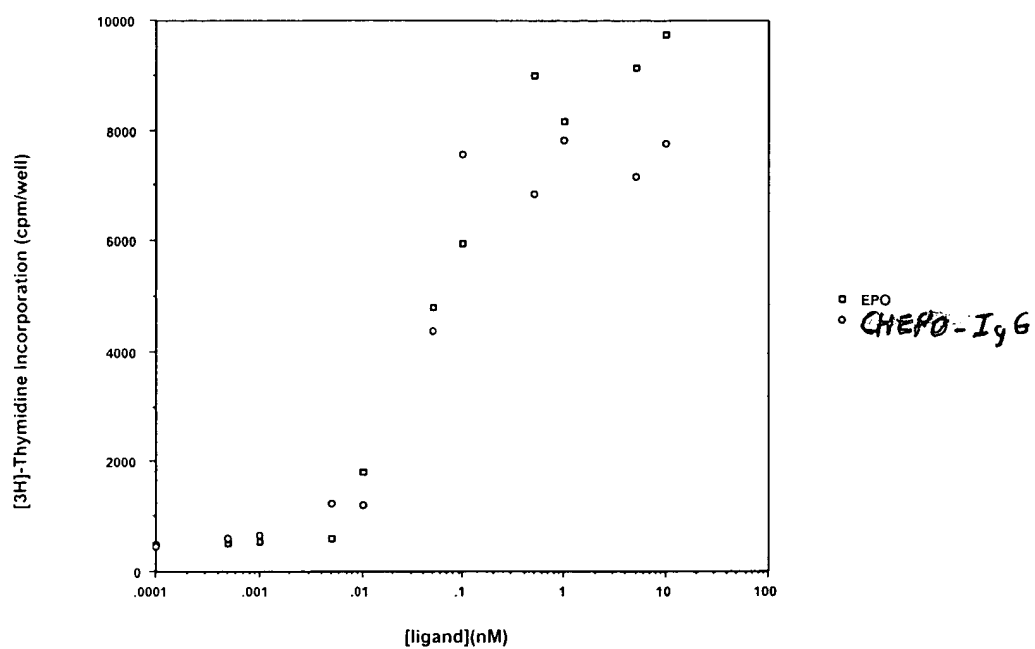


FIGURE 5

